Amendments to the Claims

1. (currently amended) ~~The machine according to claim 27 and further comprising:~~

An automated banking machine comprising:

at least one computer;

a ~~wherein the~~ plurality of transaction function devices ~~are~~ in operative connection with the at least one ~~computer;~~ computer,

wherein the plurality of transaction function devices includes a cash dispenser device and a card reader device,

wherein at least one transaction function device includes at least one internal component that is operative to perform at least one function;

an extensions for financial services (XFS) software operative in the at least one computer;

~~a device driver layer, wherein the device driver layer includes:~~

a plurality of service provider software components (SPs) operative in the at least one computer; ~~and~~

a module interface framework software operative in the at least one computer,

wherein the module interface framework software includes a module interface application programming interface (API),

wherein the module interface API includes at least one diagnostic interface;

wherein the module interface framework software includes a plurality of module interface components, which respectively correspond to the transaction function devices,

wherein each module interface component is adapted to cause at least one corresponding transaction function device to operate,

wherein the module interface framework software further includes a device server,

wherein the device server is responsive to communication through the module interface API to selectively direct at least one of the module interface components to cause a corresponding transaction function device to operate;

~~an application layer operative in the at least one computer, wherein the application layer includes the~~

at least one terminal application operative in the at least one computer,

wherein the at least one terminal application is adapted to enable a user to perform transaction functions involving the operation of the transaction function ~~devices;~~ devices,

~~wherein the XFS layer is operative in the at least one computer,~~

~~wherein the at least one terminal application is adapted to control the operation of the transaction function devices through communication with the XFS layer,~~

wherein the SPs are adapted to ~~control the operation of the transaction function devices responsive to the XFS layer,~~ communicate with the module interface API responsive to communication through the XFS software from the at least one terminal application, to control the operation of the transaction function devices,

wherein the at least one terminal application, through at least one communication with the XFS software, is adapted to cause the at least one transaction function device to operate; and

~~wherein a diagnostic application of the at least one diagnostic application is~~

at least one diagnostic application operative in the at least one computer,

wherein through communication with the at least one diagnostic interface of the module interface API without communicating with the XFS software, the at least one diagnostic application is operative to cause the at least one internal component to perform the at least one function.

2. (currently amended) The machine according to claim 1, wherein the at least one diagnostic application does not communicate with the at least one diagnostic interface through the XFS software ~~layer~~.

3. (currently amended) The machine according to claim 2, wherein the at least one diagnostic application is operative to communicate with the XFS software ~~layer~~ to deactivate the at least one transaction function device with respect to the XFS software ~~layer~~.

4. (original) The machine according to claim 2, wherein the at least one internal component includes a motor.

5. (original) The machine according to claim 3, wherein the at least one internal component includes a sensor.

6. (canceled)

7. (canceled)

8. (canceled)

9. (currently amended) The machine according to claim ~~8~~ 1, wherein the device server is ~~further~~ responsive to communication ~~from~~ through diagnostic interface of the module interface API to selectively direct at least one of the module interface components to cause the at least one internal component of ~~a corresponding~~ the at least one transaction function device to perform the at least one function.

10. (currently amended) The machine according to claim 9, wherein at least one of the SPs or theat least one diagnostic application is operative to register at least one callback function with the device server, wherein the device server is operative responsive to at least one message originating from one of the transaction function devices to call the callback function.

11. (original) The machine according to claim 10, wherein the at least one message is an unsolicited status message.

12. (currently amended) A method of operating an automated banking machine comprising at least one computer and a plurality of transaction function devices in operative connection with

the at least one computer, wherein the automated banking machine includes at least one terminal application, at least one diagnostic application, ... extensions for financial services (XFS) software, at least one service provider software component (SP), and module interface framework software operative in the at least one computer, wherein the module interface framework software includes a device server, and a plurality of module interface components, wherein each module interface component corresponds to a respective transaction function device, wherein the plurality of transaction function devices includes a cash dispenser device and a card reader device, wherein at least one of the transaction function devices includes at least one internal component, the method comprising:

a) causing with ~~a~~ the at least one terminal application, the at least one transaction function device ~~of an automated banking machine~~ to operate through at least one communication of the at least one terminal application with through the XFS software ~~an extensions for financial services (XFS) layer of the automated banking machine, wherein the automated banking machine includes a plurality of transaction function devices, wherein the plurality of transaction function devices includes a cash dispenser device and at least one card reader device~~, including the device server responsive to the at least one communication through the XFS software, selectively directing one of the module interface components that corresponds to the at least one transaction function device to cause the at least one transaction function device to operate; and

b) through at least one further communication, causing with the at least one diagnostic application, the at least one internal component of the at least one transaction function device to perform at least one function without the at least one diagnostic application communicating with the at least one transaction function device through the XFS software ~~layer~~, including the device server responsive to the at least one further communication, selectively directing the module interface component that corresponds to the at least one transaction function device to cause the at least one internal component to perform the at least one function.

13. (canceled)

14. (canceled)

15. (currently amended) The method according to claim ~~14~~ 12, wherein step (a) includes accessing the device server with the at least one SP ~~a service provider component (SP)~~, wherein in step (b) the device server is not accessed using the at least one SP.

16. (currently amended) The method according to claim 15, wherein in step (a) the at least one SP accesses the device server using at least one module interface API, wherein in step (b) the at least one diagnostic application accesses the device server through a diagnostic interface of the at least one module interface API.

17. (currently amended) The method according to claim 15, further comprising:

c) registering at least one first callback function of the at least one SP with the device server;

d) responsive to at least one first message from the at least one transaction function device, calling the at least one first callback function of the at least one SP with the device server.

18. (original) The method according to claim 17, wherein in step (d) the at least one message is an unsolicited status message of the at least one transaction function device.

19. (currently amended) The method according to claim 17, further comprising:

e) registering at least one second callback function of the at least one diagnostic application with the device server; and

f) responsive to at least one second message from the at least one transaction function device, calling the at least one callback function of the at least one diagnostic application with the device server.

20-23. (canceled)

24. (original) The method according to claim 12, wherein in step (b) the at least one internal component includes a motor.

25. (original) The method according to claim 12, wherein in step (b) the at least one internal component includes a sensor.

26. (currently amended) The method according to claim 12, wherein step (a) includes causing at least one transaction function device from among the cash dispenser device and ~~a~~ the card reader device to operate.

27. (canceled)